**Project Timeline – Ứng dụng Dịch Ngôn Ngữ Ký Hiệu Tay**

| Week | Course Topic | Corresponding Project Tasks |
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| W1 | Design for Startups – Part 1 | Build the AI model: collect hand sign data, train the AI model, and optimize it to achieve high accuracy tailored to the project's needs. |
| W2 | Design for Startups – Part 2 | Design the user interface (UI): create mockups of main screens (camera, translation result, notes). Select technologies (OpenCV and Tkinter). |
| W3 | Building Product | Start coding the initial application: integrate camera (on/off) and video preview. Set up project structure and adjust model parameters to meet practical requirements. |
| W4 | How to Launch | Complete the sign language recognition feature. Create a demo using sample hand signs (e.g., alphabet signs or trained phrases). |
| W5 | How to Get Your First Ten Customers? | Create the translation result interface and add text-to-speech functionality. Conduct MVP testing with initial users. |
| W6 | How to Get Users and Grow? | Improve UI/UX based on tester feedback. Add hand sign alphabet and tutorial videos for beginners. Design flyers or posts to promote the app to deaf/mute communities and special schools. Open feedback channels (Google Form or email). |
| W7 | How to Sell? | Prepare a presentation slide deck about the app and its value (especially for people with hearing or speech impairments). Demo presentation practice. |
| W8 | How to Set KPIs and Goals | Set user testing targets. Define KPIs: sign recognition accuracy, average processing time, and overall prediction reliability. |
| W9 | Growth for Startups | Test the app in various real-world conditions (e.g., low lighting, different camera angles). Gather feedback to improve recognition algorithm and further optimize the UI. |
| W10 | Evaluate All Groups | Finalize the product. Write the project report, record a demo video, prepare the final presentation, and submit the final version. |

**Project name: THU- Let’s us be your voice**